

FEDERAL ITEM IDENTIFICATION GUIDE

CAMERA (STILL, MOTION, AND LITHOGRAPHIC) AND BODY, CAMERA (STILL PICTURE)

This Reprint replaces FIIG A314, dated June 4, 2010.



Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
BODY, CAMERA, MOTION PICTURE	36371	E
<p>A lightproof rigidly constructed camera component designed to position one lens or several lenses simultaneously and to locate the film in the focal plane of the camera. By means of an automatic, steadily running or periodically interrupted film transport, silent and/or sound motion pictures can be made. Successive series of pictures are taken. The film transport includes automatic exposure of each image field following the film section advance. Motion cycles are faithfully reproduced. The item includes electric motors or clockwork drives, take-up reels and film magazines. For items with lenses, see CAMERA, MOTION PICTURE.</p>		
BODY, CAMERA, STILL PICTURE	23631	D
<p>A rigidly constructed camera component designed to position and provide a mounting means for a photographic lens and for locating film or plate in the focal plane of the camera and is used for positioning and holding controls, auxiliary assemblies, and the like. It may or may not include an exposure control system. It may or may not include a magazine. For items which have a lens(es) or lens cone, see CAMERA, STILL PICTURE.</p>		
CAMERA, COPYING, LITHOGRAPHIC	18934	C
<p>A CAMERA, STILL PICTURE designed for use in the graphic arts to make accurate, distortion-free copies from flat surface subject matter upon sensitized material.</p>		
CAMERA, MOTION PICTURE	02706	B
<p>A photographic device used for taking silent and/or sound motion pictures. It consists of a light-tight chamber designed to produce a sequential series of pictures by means of a continuous or intermittent automatic film feed mechanism. This mechanism is so arranged, geared and timed that as the film for each frame is positioned, the light for each exposure is automatically controlled. It includes an electric or spring wound motor(s), taking lens(es), take-up reel or spool, and magazine(s). It may include a lens cover, carrying case, strap, and/or handle. Excludes cameras with sound recording equipment, film, tripod, or stand, accessory lighting equipment, and external power supply. For cameras with sound recording equipment, see CAMERA SET, MOTION PICTURE.</p>		

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CAMERA, STILL PICTURE	03571	A

A photographic device consisting of a lightproof chamber into which light is admitted through a lens(es) or lens cone by means of a shutter or shutterless system. The reflected light of exterior objects toward which the lens(es) or lens cone are directed records the image on a sensitized photographic film or plate or other recording media. The photographs produced by processing the exposed material are viewed separately and do not present the illusion of motion. It includes lens(es) or lens cones, an exposure control system, and a film magazine or holder or plate holder. It may include lens cover, carrying case, strap and/or handle, flash equipment, intervalometer, remote control, and aircraft mount. Excludes camera with auxiliary lighting equipment, tripod, stand, title board set, fingerpainting equipment, and background equipment. It does not include lithographic copying cameras. For items which do not have a lens(es) and lens cone, see BODY, CAMERA, STILL PICTURE.

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APPLICABILITY KEY INDEX

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
NAME	X	X	X	X	X
ASZP	X	X	X	X	X
BKHF	AR	AR	AR		
ASZR			X		
ASZS			AR		
ASZT	AR	AR	X		
STYL	X	X	X	X	X
ABGL	AR	AR	AR	AR	AR
ABRY	AR	AR	AR	AR	AR
ADAQ	AR	AR	AR	AR	AR
AEJZ	AR	AR	AR	AR	AR
ATEM	AR	AR	AR	AR	AR
ATEN	AR	AR	AR	AR	AR
ATEP	AR	AR	AR	AR	AR
HGTH	AR	AR	AR	AR	AR
ASZW	X	X		AR	X
ASZX	X			AR	AR
ATAF	AR			AR	AR
ATAH		X			X
ATAA		X			X
ASZY		X			X
ASZZ	X	X	X	X	X
ATAB	X	X	X	X	X
ATAJ	AR	AR	AR	AR	AR
ATAK	AR	AR	AR	AR	AR
ATAW	AR	AR	AR	AR	AR
ATBB	AR		AR	AR	
ATBC	AR		AR	AR	
ATAL	AR		AR	AR	
ATAM	X	X	X	X	X
ATAP	AR	AR	AR	AR	AR
ATAQ		X			X
ATAR		AR			AR
ATAS	X	X	X	X	X
ATBD	AR	AR	AR	AR	AR
AKCV	AR	AR	AR	AR	AR
ATDX	AR	AR	AR	AR	AR
ATDC	AR	AR	AR	AR	AR
ATDE	AR	AR	AR	AR	AR
ATDG	AR	AR	AR	AR	AR
AMQY			X		
ATDY			AR		
ATDK			X		
ATDL			X		
ATDP			AR		
ATDQ			AR		
ATDR			AR		
ATDT			AR		

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APPLICABILITY KEY INDEX

ATDZ			AR		
ATEA			AR		
ATEB			AR		
ATEC			AR		
ATED		AR	AR	AR	AR
ATEE		AR	AR	AR	AR
ATEF		AR	AR	AR	AR
ABFF	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR
ASZQ	AR	AR	AR	AR	AR
ATBA	AR	AR	AR	AR	AR
ATEG	AR	AR	AR	AR	AR
AJIZ	AR	AR	AR	AR	AR
AJKA	AR	AR	AR	AR	AR
ATEH	AR	AR	AR	AR	AR
ATEJ	AR	AR	AR	AR	AR
ATEK	AR	AR	AR	AR	AR
ATEL	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR
AWJN	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR
PKQT	AR	AR	AR	AR	AR
EXQT	AR	AR	AR	AR	AR
SUWT	AR	AR	AR	AR	AR
ECWT	AR	AR	AR	AR	AR
SUCB	AR	AR	AR	AR	AR
EXME	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED18934*)

ALL

ASZP	D	CAMERA TYPE
------	---	-------------

Definition: INDICATES THE TYPE OF CAMERA.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ASZPDAC*; ASZPDAC\$\$DBF*; ASZPDAC\$DAD*)

A*, B*, C*

BKHF	J	LENS FOCAL LENGTH
------	---	-------------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION FROM THE CENTER OF A LENS TO THE FOCAL PLANE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Use nominal reply for fixed length lens. When more than one lens is cited in the source document, enter the minimum value first. (e.g., BKHFJAA8.250*; BKHFJAA25.000\$\$JAA50.000*; BKHFJAB16.000\$\$JAC25.000*; BKHFJLA250.0*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

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SECTION I

APP		Mode	
Key	MRC	Code	Requirements

C

ASZR D MAXIMUM REDUCTION RATIO

Definition: THE MAXIMUM RATIO BY WHICH THE ITEM MAY BE REDUCED.

Reply Instructions: Enter the applicable Reply Code from the table below. Enter in the same sequence as MRC BKHF. (e.g., ASZRDAB*; ASZRDAD\$\$DAB*)

<u>REPLY CODE</u>	<u>REPLY (AM06)</u>
BE	1 TO 0.12
BF	1 TO 0.22
AB	1 TO 0.30
AC	1 TO 0.33
AD	1 TO 0.82
AE	2 TO 1
AF	3 TO 1
AG	4 TO 1
AH	5 TO 1
AJ	6 TO 1
AK	7 TO 1

C*

ASZS D MAXIMUM ENLARGEMENT RATIO

Definition: THE MAXIMUM RATIO BY WHICH THE ITEM MAY BE ENLARGED.

Reply Instructions: Enter the applicable Reply Code from the table below. Enter in the same sequence as for MRC BKHF. (e.g., ASZSDAL*; ASZSDAM\$\$DAL*)

<u>REPLY CODE</u>	<u>REPLY (AM06)</u>
BG	1 TO 1.5
AL	1 TO 2.0
AM	1 TO 2.5
BH	1 TO 2.25
AN	1 TO 3.0
AP	1 TO 3.5
AQ	1 TO 4.0
AR	1 TO 4.5
AS	1 TO 5.0
AT	1 TO 5.5
AW	1 TO 6.0

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SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

A*, B*, C

ASZT F LENS APERTURE SETTING RANGE

Definition: THE MINIMUM AND MAXIMUM SETTING LIMITS OF THE LENS APERTURE.

Reply Instructions: Enter the numeric values of the F-stops in ascending sequence preceding values with the letter P. (e.g., ASZTFP2.3/P16.0*)

For two or more lenses, enter the numeric values (F-stops of the lenses) with the smallest focal length first. For multiple lenses, enter in ascending sequence. (e.g., ASZTFP1.9/P16.0\$FP2.8/P22.0*)

ALL

STYL L STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A. (e.g., STYLL2*)

A, B, D*, E

ASZW H SHUTTER TYPE

Definition: INDICATES THE TYPE OF SHUTTER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the applicable Reply Code from [Appendix A](#), Table 2.

If the source document indicates both fixed and adjustable, use AND/OR (\$\$/ \$) coding. (e.g., ASZWHABAP*; ASZWHABAC\$HABAD*; ASZWHAEAJ\$HAEAM*)

REPLY CODE
AB
AE

REPLY (AL36)
ADJUSTABLE
FIXED

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SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

A, D*, E*

ASZX J SHUTTER EXPOSURE SPEED IN SECONDS

Definition: THE LENGTH OF TIME THE SHUTTER REMAINS OPEN, EXPRESSED IN SECONDS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Refer to [Appendix C](#), Table 3, for fraction to decimal conversion. Use nominal reply when shutter is a fixed type. (e.g., ASZXJAAB0.0010*; ASZXJBAB0.0010\$\$JCAB1.0000*)

Table 1

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

Table 2

REPLY CODE

AB

AE

REPLY (AL36)

ADJUSTABLE

FIXED

A*, D*, E*

ATAF D MANUAL EXPOSURE CONTROL TYPE

Definition: INDICATES THE TYPE OF CONTROL THAT OPERATES THE EXPOSURE MANUALLY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATAFDABK*; ATAFDABK\$\$DABL*)

REPLY
CODE

ABK

ABL

REPLY (AL37)

BULB (shutter remains open only while release is operated)

TIME (shutter remains open until release is operated second time)

B, E

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SECTION I

APP Key	MRC	Mode Code	Requirements
	ATAH	J	FRAME RATE PER SECOND

Definition: THE NUMBER OF FRAMES FOR WHICH THE ITEM IS RATED PER SECOND.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATAHJAE16.0*; ATAHJAG8.0\$\$JAH64.0*)

<u>REPLY CODE</u>	<u>REPLY (AL36)</u>
AE	FIXED
AH	MAXIMUM VARIABLE
AG	MINIMUM VARIABLE

B, E

ATAA D SINGLE FRAME RELEASE

Definition: AN INDICATION OF WHETHER OR NOT A SINGLE FRAME RELEASE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATAADB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

B, E

ASZY B MAXIMUM DEGREE OF SHUTTER OPENING

Definition: THE MAXIMUM DEGREES OF OPENING FOR WHICH THE SHUTTER DISC IS DESIGNED.

Reply Instructions: Enter the numeric value. (e.g., ASZYB180.0*)

ALL

ASZZ D CAMERA MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE CAMERA.

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SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., ASZZDCZ*; ASZZDCZ\$DDA*)

ALL

ATAB	D	FILM ACCOMMODATION TYPE
------	---	-------------------------

Definition: INDICATES THE TYPE OF FILM ACCOMMODATION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 7. (e.g., ATABDAM*; ATABDAJ\$DAP*)

ALL*

ATAJ	A	FILM SIZE FOR WHICH DESIGNED
------	---	------------------------------

Definition: THE SIZE OF THE FILM FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the manufacturer's number or designator. (e.g., ATAJA135*; ATAJA120\$A220*)

NOTE FOR MRCS ATAK AND ATAW: IF NO REPLY IS ENTERED FOR MRC ATAJ, A REPLY MUST BE ENTERED FOR MRCS ATAK AND ATAW.

ALL* (See Note Above)

ATAK	J	FILM WIDTH
------	---	------------

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE FILM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATAKJAA1.00*; ATAKJLA25.4*; ATAKJLB16.00\$JLC35.00*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

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SECTION I

APP		Mode	
Key	MRC	Code	Requirements

ALL* (See Note Preceding MRC ATAK)

ATAW J FILM LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE FILM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATAWJFA35.000*; ATAWJMA10.6*; ATAWJFB100.000\$JFC114.000*)

Table 1

REPLY CODE

F
A
M
L

REPLY (AA05)

FEET
INCHES
METERS
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

A*, C*, D*

ATBB J NEGATIVE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE NEGATIVE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATBBJAA1.000*; ATBBJLA25.4*; ATBBJAB2.495\$JAC2.503*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A

REPLY (AC20)

NOMINAL

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SECTION I

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

A*, C*, D*

ATBC J NEGATIVE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE NEGATIVE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATBCJAA1.000*; ATBCJLA25.4*; ATBCJAB2.495\$\$JAC2.503*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

A*, C*, D*

ATAL A EXPOSURE QUANTITY ACCOMMODATED

Definition: THE NUMBER OF EXPOSURES THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., ATALA8*; ATALA8\$\$A12*)

ALL

ATAM D FOCUS METHOD

Definition: THE MEANS BY WHICH THE ITEM IS FOCUSED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., ATAMDAABS*; ATAMDAACE\$\$DAACF*; ATAMDAABD\$DAABW*)

ALL*

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SECTION I

APP Key	MRC	Mode Code	Requirements
<hr/>			
	ATAP	D	VIEWFINDER TYPE
Definition: INDICATES THE TYPE OF VIEWFINDER PROVIDED.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., ATAPDBN*; ATAPDBM\$\$DBS*)			
B, E			
	ATAQ	D	AUDIO FEATURE
Definition: AN INDICATION OF WHETHER OR NOT AN AUDIO FEATURE IS INCLUDED.			
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATAQDB*)			
		<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
		B	INCLUDED
		C	NOT INCLUDED
B*, E*			
	ATAR	D	RECORDING TYPE
Definition: INDICATES THE TYPE OF RECORDING PROVIDED.			
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATARDAD*; ATARDAD\$DAE*)			
		<u>REPLY CODE</u>	<u>REPLY (AH84)</u>
		AE	DOUBLE SYSTEM
		AD	SINGLE SYSTEM
ALL			
	ATAS	D	LENS MOUNTING METHOD
Definition: THE MEANS BY WHICH THE LENS IS MOUNTED TO AN ITEM.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6. (e.g., ATASDTJ*; ATASDTP\$DTQ*)			

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SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

ALL*

ATBD D FILM ADVANCE METHOD

Definition: THE MEANS BY WHICH THE FILM IS ADVANCED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATBDDAAFY*; ATBDDAACJ\$\$DAACK*)

REPLY CODE

AAFY
AACJ
AACK

REPLY (AC58)

ELECTRIC MOTOR
HAND OPERATED
SPRING MOTOR

NOTE FOR MRCS AKCV, ATDX, AND ATDC: IF REPLY CODE AAFY IS ENTERED FOR MRC ATBD, REPLY TO MRCS AKCV AND ATDC. IF REPLY CODE AACK IS ENTERED FOR MRC ATBD, REPLY TO MRCS AKCV AND ATDX.

ALL* (See Note Above)

AKCV D DRIVE TYPE

Definition: INDICATES THE TYPE OF DRIVE FOR TURNING, ROTATING, OR POSITIONING THE MECHANISM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKCVDBX*; AKCVDBX\$\$DBY*)

REPLY CODE

BY
BX

REPLY (AG25)

EXTERNAL (supplemental)
INTEGRAL (built-in)

ALL* (See Note Preceding MRC AKCV)

ATDX J SPRING MOTOR CAPACITY

Definition: THE CAPACITY OF THE SPRING MOTOR.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATDXJFA22.500*; ATDXJMA6.9*; ATDXJFB10.000\$\$JFC25.000*)

Table 1

FIIG A314
SECTION I

APP Key	MRC	Mode Code	Requirements
			<hr/>
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		F	FEET
		A	INCHES
		M	METERS
		L	MILLIMETERS
		<u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL* (See Note Preceding MRC AKCV)

ATDC J DRIVE MOTOR VOLTAGE RATING

Definition: THE TYPE AND AMOUNT OF VOLTAGE FOR WHICH THE DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATDCJAJ220.0*)

Enter the AC voltage first, regardless of the value. (e.g., ATDCJAJ110.0\$\$JAK24.0*)

<u>REPLY CODE</u>	<u>REPLY (AG13)</u>
AJ	ALTERNATING CURRENT
AK	DIRECT CURRENT

NOTE FOR MRCS ATDE AND ATDG: WHEN REPLY CODE AJ IS ENTERED FOR MRC ATDC, A REPLY MUST BE ENTERED FOR MRCS ATDE AND ATDG.

ALL* (See Note Above)

ATDE B DRIVE MOTOR CURRENT FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF ALTERNATING CURRENT FOR WHICH THE DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the cycles per second of the alternating current. (e.g., ATDEB60.0*)

ALL* (See Note Preceding MRC ATDE)

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SECTION I

APP Key	MRC	Mode Code	Requirements
	ATDG	D	DRIVE MOTOR PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASE(S) FOR WHICH THE DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATDGDA*; ATDGDA\$DC*)

REPLY CODE

A
C
B

REPLY (AD02)

SINGLE
THREE
TWO

C

AMQY D INSTALLATION DESIGN

Definition: THE INSTALLATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMQYDAK*; AMQYDAJ\$DAF*; AMQYDAK\$DAF*)

REPLY CODE

AJ
AK
AF

REPLY (AJ17)

FIXED
MOBILE
PORTABLE

C*

ATDY H STRUCTURAL DESIGN

Definition: THE STRUCTURAL DESIGN OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., ATDYHALDS*)

Table 1

REPLY CODE

AM
AL

REPLY (AH79)

BED SUPPORTED
OVERHEAD SUPPORTED

Table 2

REPLY CODE

REPLY (AA78)

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SECTION I

APP Key	MRC	Mode Code	Requirements
		DX	BI-RAIL
		DS	MOUNTED ON MONORAIL
		DW	MOUNTED ON TORQUE TUBE
		DT	MOUNTED ON TWO TRACKS
		DZ	MULTI-RAIL
		DY	TRI-RAIL

C

ATDK D FILM HOLDER TYPE

Definition: INDICATES THE TYPE OF FILM HOLDER PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATDKDAY*; ATDKDAY\$\$DAZ*)

<u>REPLY CODE</u>	<u>REPLY (AF72)</u>
BB	PACK
AZ	PLATE
BA	PRESSURE ADHESIVE BACK
AP	ROLL
AY	VACUUM BACK

C

ATDL D COPY BOARD TYPE

Definition: INDICATES THE TYPE OF COPY BOARD PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATDLDBC*; ATDLAR\$DBE*)

<u>REPLY CODE</u>	<u>REPLY (AF72)</u>
AR	OPEN
BC	SPRING BACK
BE	TRANSPARENT
BD	VACUUM

C*

ATDP J COPY BOARD MAXIMUM WIDTH

FIIG A314
SECTION I

APP		Mode	
Key	MRC	Code	Requirements

Definition: THE MAXIMUM MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE COPY BOARD, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATDPJA20.0*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

C*

ATDQ J COPY BOARD MAXIMUM LENGTH

Definition: THE MAXIMUM MEASUREMENT OF THE LONGEST DIMENSION OF THE COPY BOARD, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATDQJA36.0*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

C*

ATDR J VACUUM PUMP MOTOR VOLTAGE RATING

Definition: THE TYPE AND AMOUNT OF VOLTAGE FOR WHICH THE VACUUM PUMP MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATDRJAJ110.0*)

Enter the AC voltage first, regardless of value. (e.g., ATDRJAJ110.0\$\$JAK24.0*)

<u>REPLY CODE</u>	<u>REPLY (AG13)</u>
AJ	ALTERNATING CURRENT
AK	DIRECT CURRENT

FIIG A314
SECTION I

APP Key	MRC	Mode Code	Requirements
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NOTE FOR MRCS ATDT AND ATDZ: WHEN REPLY CODE AJ IS ENTERED FOR MRC ATDR, A REPLY MUST BE ENTERED FOR MRCS ATDT AND ATDZ.

C* (See Note Above)

ATDT	B	VACUUM PUMP MOTOR CURRENT FREQUENCY IN HERTZ
------	---	--

Definition: THE CYCLES PER SECOND (HERTZ) OF ALTERNATING CURRENT FOR WHICH THE VACUUM PUMP MOTOR IS DESIGNED.

Reply Instructions: Enter the numeric value. (e.g., ATDTB60.0*)

C* (See Note Preceding MRC ATDT)

ATDZ	D	VACUUM PUMP MOTOR PHASE
------	---	-------------------------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES FOR WHICH THE VACUUM PUMP MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATDZDA*; ATDZDA\$DC*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
C	THREE
B	TWO

C*

ATEA	J	ILLUMINATED COPY BOARD VOLTAGE RATING
------	---	---------------------------------------

Definition: THE TYPE AND AMOUNT OF VOLTAGE FOR WHICH THE ILLUMINATED COPY BOARD IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATEAJAJ110.0*)

Enter the AC voltage first, regardless of value. (e.g., ATEAJAJ110.0\$\$JAK12.0*)

<u>REPLY CODE</u>	<u>REPLY (AG13)</u>
AJ	ALTERNATING CURRENT
AK	DIRECT CURRENT

FIIG A314
SECTION I

APP Key	MRC	Mode Code	Requirements
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NOTE FOR MRCS ATEB AND ATEC: IF REPLY CODE AJ IS ENTERED FOR MRC ATEA, A REPLY MUST BE ENTERED FOR MRCS ATEB AND ATEC.

C* (See Note Above)

ATEB	B	ILLUMINATED COPY BOARD CURRENT FREQUENCY IN HERTZ
------	---	--

Definition: THE CYCLES PER SECOND (HERTZ) OF ALTERNATING CURRENT FOR WHICH THE ILLUMINATED COPY BOARD IS DESIGNED.

Reply Instructions: Enter the numeric value. (e.g., ATEBB60.0*)

C* (See Note Preceding MRC ATEB)

ATEC	B	ILLUMINATED COPY BOARD WATTAGE RATING
------	---	---------------------------------------

Definition: THE MAXIMUM AMOUNT OF POWER FOR WHICH THE ILLUMINATED COPY BOARD IS DESIGNED, EXPRESSED IN WATTS.

Reply Instructions: Enter the numeric value. (e.g., ATECB3500.0*; ATECB1750.0\$\$B3500.0*)

B*, C*, D*, E*

ATED	J	FOCUSING DRIVE MOTOR VOLTAGE RATING
------	---	-------------------------------------

Definition: THE TYPE AND AMOUNT OF VOLTAGE FOR WHICH THE FOCUSING DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATEDJAK12.0*)

Enter the AC voltage first, regardless of value. (e.g., ATEDJAJ110.0\$\$JAK24.0*)

REPLY CODE

AJ
AK

REPLY (AG13)

ALTERNATING CURRENT
DIRECT CURRENT

NOTE FOR MRCS ATEE AND ATEF: WHEN REPLY CODE AJ IS ENTERED FOR MRC ATED, A REPLY MUST BE ENTERED FOR MRCS ATEE AND ATEF.

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SECTION I

APP Key	MRC	Mode Code	Requirements
B* C* D* E* (See Note Above)			

ATEE B FOCUSING DRIVE MOTOR CURRENT FREQUENCY
IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF ALTERNATING CURRENT
FOR WHICH THE FOCUSING DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the numeric value. (e.g., ATEEB60.0*)

B* C* D* E* (See Note Preceding MRC ATEE)

ATEF D FOCUSING DRIVE MOTOR PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES FOR WHICH
THE FOCUSING DRIVE MOTOR IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
ATEFDA*; ATEFDA\$DC*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
C	THREE
B	TWO

ALL*

ABFF D FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT
SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 9. (e.g.,
ABFFDHG*; ABFFDHG\$\$DHE*)

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES
OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH
ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

FIIG A314
SECTION I

APP Key	MRC	Mode Code	Requirements
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Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST	J	TEST DATA DOCUMENT
------	---	--------------------

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321\$\$JB5556A-663654*;

TESTJAA2345-654321\$JB55566-663654*)

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL*

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SECTION I

APP Key	MRC	Mode Code	Requirements
	SPCL	G	SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

REPLY
CODE

REPLY (AN62)

S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION

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SECTION I

APP Key	MRC	Mode Code	Requirements
		P	SPECIFICATION PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 8, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

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SECTION I

APP Key	MRC	Mode Code	Requirements
Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)			
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.			
Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)			
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.			
Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)			
Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.			
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			
	PRPY	A	PROPRIETARY CHARACTERISTICS
Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.			

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SECTION I

APP Key	MRC	Mode Code	Requirements
<p>Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)</p>			

NOTE FOR MRC PRMT: IF PRECIOUS METALS INDICATOR CODE IS G, P, OR S, REPLY TO MRC PRMT. IF PRECIOUS METALS INDICATOR CODE IS C, REPLY TO MRC PRMT USING \$\$ OR \$\$/\$ CODING. IF PRECIOUS METALS INDICATOR CODE IS V REPLY TO MRC PRMT USING \$ CODING.

ALL* (See Note Above)

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAUA000*; PRMTDAUA000\$\$DAGA000*; PRMTDAUA000\$DAGA000*; PRMTDAUA000\$DAGA000\$DPTA000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL*

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS\$\$JAGA000INTERNAL SURFACES*; PMLCJAUA000TERMINALS\$JAGA000INTERNAL SURFACES*)

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SECTION I

APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
		AUA000	GOLD
		IRA000	IRIDIUM
		AZA000	OSMIUM
		PDA000	PALLADIUM
		PTA000	PLATINUM
		RHA000	RHODIUM
		RTA000	RUTHENIUM
		AGA000	SILVER

ALL*

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in table 1 sequence. (e.g., PMWTJAUA000R0.780*; PMWTJAUA000F0.500\$JAGA000R0.780*; PMWTJAUA000F0.500\$JAGA000R0.780*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

<u>REPLY CODE</u>	<u>REPLY (AG14)</u>
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

FIIG A314
SECTION I

APP Key	MRC	Mode Code	Requirements
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Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION
------	---	---------------------------------------

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

<u>REPLY CODE</u>

A

<u>REPLY (AN58)</u>

ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION III

APP Key	MRC	Mode Code	Requirements
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ALL

ASZQ	J	LENS FIELD ANGLE IN DEG
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Definition: THE LENS FIELD ANGLE, EXPRESSED IN DEGREES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value of the subtended angle of view. (e.g., ASZQJAAB72.0*; ASZQJBAE18.0\$\$JCAE70.0*)

<u>Table 1</u>

<u>REPLY CODE</u>

A

<u>REPLY (AC20)</u>

NOMINAL

FIIG A314
SECTION I

APP

Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

Table 2

REPLY CODE

REPLY (AM05)

AC	NORMAL
AF	SCAN
AD	TELEPHOTO
AE	VARIABLE FOCAL LENGTH
AB	WIDE

ALL

ATBA J FILM BASE THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF THE FILM BASE, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATBAJBA5.2500*; ATBAJAB0.0156\$\$JAC0.0159*)

Table 1

REPLY CODE

REPLY (AA05)

A	INCHES
L	MILLIMETERS
B	MILS

Table 2

REPLY CODE

REPLY (AC20)

A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ATEG G GOVERNMENT AGENCY CONTROLLING
ACCESSORY LIST DOCUMENT

Definition: THE NAME OF THE GOVERNMENT AGENCY CONTROLLING THE ACCESSORY LIST DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., ATEGGARMY*)

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APP

Key MRC Mode Code Requirements

NOTE FOR MRCS AJJZ AND AJKA: IF A REPLY IS ENTERED FOR MRC ATEG, REPLY TO MRCS AJJZ AND AJKA.

ALL (See Note Above)

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAC*; AJJZDAH\$DAJ*)

<u>REPLY CODE</u>	<u>REPLY (AF70)</u>
AE	FEDERAL SPECIFICATION
AC	MILITARY SPECIFICATION
AF	MILITARY STANDARD
AH	SUPPLY CATALOG
AJ	SUPPLY MANUAL
AB	TECHNICAL MANUAL
AG	TECHNICAL ORDER
AD	TRAINING MANUAL

ALL (See Note Preceding MRC AJJZ)

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the applicable number, letter, or symbol.

(e.g., AJKAA0-D-00256B*)

ALL

ATEH G GOVERNMENT TYPE NUMBER ASSIGNEE

Definition: THE NAME OF THE GOVERNMENT ACTIVITY ASSIGNING THE TYPE NUMBER TO THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ATEHGARMY*)

ALL

ATEJ G TYPE DESIGNATION

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Key MRC Mode Code Requirements

Definition: THE IDENTIFYING DESIGNATOR ASSIGNED TO THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., ATEJGAN-N6*)

ALL

ATEK G AIRCRAFT MOUNT NUMBER

Definition: THE NUMBER ASSIGNED TO THE AIRCRAFT MOUNT.

Reply Instructions: Enter the reply in clear text.

(e.g., ATEKGLS-58*)

ALL

ATEL G GOVERNMENT MOUNT NUMBER ASSIGNEE

Definition: THE NAME OF THE GOVERNMENT ACTIVITY ASSIGNING THE NUMBER TO THE MOUNT.

Reply Instructions: Enter the reply in clear text. (e.g., ATELGAIR FORCE*)

ALL

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.000*; AFJKJC28320.0*)

REPLY CODE

C
D
F
B
E

REPLY (AD42)

CUBIC CENTIMETERS
CUBIC DECIMETERS
CUBIC FEET
CUBIC INCHES
CUBIC METERS

ALL

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SECTION I

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

AWJN	J	UNPACKAGED UNIT WEIGHT	
------	---	------------------------	--

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS50.0*; AWJNJA22.68*)

For items indicating pounds and ounces, see Appendix C, Table 4, for conversion.

REPLY CODE

AJ
AS

REPLY (AG67)

KILOGRAMS
POUNDS

ALL

SUPP	G	SUPPLEMENTARY FEATURES	
------	---	------------------------	--

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION	
------	---	-------------------------------------	--

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81337-30624A*)

ALL

ZZZV	G	FSC APPLICATION DATA	
------	---	----------------------	--

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SECTION I

APP
Key MRC Mode Code Requirements

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

PKQT A INTERMEDIATE PACKAGE QUANTITY

Definition: THE NUMBER OF WRAPS, BOXES, OR BUNDLES, WHICH CONTAINS TWO OR MORE UNITS OF ISSUE, PLACED INSIDE AN EXTERIOR CONTAINER.

Reply Instructions: Enter the quantity. (e.g., PKQTA24*)

ALL

EXQT A EXTERIOR CONTAINER QUANTITY

Definition: THE NUMBER OF UNITS OF ISSUE PLACED INSIDE THE EXTERIOR CONTAINER.

Reply Instructions: Enter the quantity. (e.g., EXQTA2*)

ALL

SUWT J UNIT OF ISSUE WEIGHT

Definition: THE MEASURED WEIGHT OF THE ACTUAL CONTAINER(S) OR SUPPORTING DEVICE(S) WHICH IS IN DIRECT CONTACT WITH THE ITEM AND ITS CONTENTS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., SUWTJLB4.50*; SUWTJKB2.04*)

<u>REPLY CODE</u>
KG
LB

<u>REPLY (AN75)</u>
KILOGRAMS
POUNDS

ALL

ECWT J EXTERIOR CONTAINER WEIGHT

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Key MRC Mode Code Requirements

Definition: THE MEASURED WEIGHT OF THE EXTERIOR CONTAINER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ECWTJLB8.00*; ECWTJKG3.63*)

REPLY CODE
KG
LB

REPLY (AN75)
KILOGRAMS
POUNDS

ALL

SUCB J UNIT OF ISSUE CUBE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF THE UNIT OF ISSUE AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., SUCBJCF9.00*; SUCBJCM1.50*)

REPLY CODE
CF
CM

REPLY (AN76)
CUBIC FEET
CUBIC METERS

ALL

EXME J EXTERIOR CONTAINER CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF THE EXTERIOR CONTAINER AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., EXMEJCF12.00*; EXMEJCM36.75*)

REPLY CODE
CF
CM

REPLY (AN76)
CUBIC FEET
CUBIC METERS

ALL

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SECTION I

APP

Key MRC Mode Code Requirements

AGAV	G	END ITEM IDENTIFICATION
------	---	-------------------------

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAV3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
------	---	--

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

Reply Tables

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Table 1 - CAMERA TYPES
CAMERA TYPES

<u>REPLY CODE</u>	<u>REPLY (AM04)</u>
AB	AIRCRAFT
BF	AIRCRAFT/CONTINUOUS STRIP RECONNAISSANCE
AC	AIRCRAFT/DAY RECONNAISSANCE
BG	AIRCRAFT/FRAMING RECONNAISSANCE
AD	AIRCRAFT/NIGHT RECONNAISSANCE
BH	AIRCRAFT/PANORAMIC RECONNAISSANCE
AE	CLINICAL RESEARCH
AF	COMBAT
BJ	COPY NONLITHOGRAPHIC
AG	DARKROOM (Lithographic)
AH	DIFFUSION-TRANSFER PROCESSING (Polaroid)
AJ	FINGERPRINT
AK	GALLERY (Lithographic)
AL	GENERAL PURPOSE
AM	GUNSIGHT RECORDING
AN	HIGH SPEED
AP	IDENTIFICATION
AQ	INSTRUMENTATION RECORDING
AR	MAPPING
AS	MEDICAL
AT	MICROFILM COPY
AW	MICROSCOPE
AX	OSCILLOSCOPE
AY	PERISCOPE
EE	PORTRAIT
AZ	PRESS
BA	RADARSCOPE

<u>REPLY CODE</u>	<u>REPLY (AM04)</u>
BB	RECORDING
BK	SEQUENCE
BL	SPECIAL PURPOSE
BC	STRIKE RECORDING
BD	STUDIO
EF	UNDERWATER PANORAMIC
BE	VIEW

Table 2 - SHUTTER TYPES
SHUTTER TYPES

<u>REPLY CODE</u>	<u>REPLY (AM07)</u>
AB	BULB OPERATED SELF-TIMING
BL	DOUBLE BLADE BETWEEN LENS
AC	DOUBLE ROTARY DISC
BQ	ELECTRONIC
AF	FOCAL PLANE
AG	LOUVER
AH	MIRROR
AJ	PHOTO ELECTRIC
AK	PRISM
AD	ROTARY
AL	ROTARY DISC
BM	ROTARY PRISM
AM	SCISSOR
AN	SINGLE BLADE
AP	SOLENOID OPERATED BETWEEN LENS
AQ	SOLENOID SINGLE BLADE
AE	SPLIT
BN	SYNCHRONIZED, STROBELIGHT
AR	SYNCHRONIZED TYPE-F
AS	SYNCHRONIZED TYPE-M
AT	SYNCHRONIZED TYPE-X
BP	TWO-DOOR CAPPING
AW	TWO DOOR COPYING
AX	VARIABLE ROTARY DISC
AY	VARIABLE SPLIT

Table 3 - FOCUS METHODS
FOCUS METHODS

<u>REPLY CODE</u>	<u>REPLY (AC58)</u>
AABD	AUTOMATIC
AABR	BACK BODY TRACK
AABS	DUAL DRIVE
AABT	ELECTRIC SCREW

<u>REPLY CODE</u>	<u>REPLY (AC58)</u>
AABW	FIXED
AABX	FRONT BODY TRACK
AABY	LEAD SCREW
AABZ	LENS BARREL
AACA	LENS MOUNT
AAAH	LEVER
AACB	MANUAL CABLE
ACV	MICROPRISM SPOT
AAJQ	MONORAIL
AACC	MOVABLE BACK
AACD	NUT
AACE	PINION
AACF	RACK
AACG	SLIDING BED

Table 4 - MOUNT DATA
MOUNT DATA

<u>REPLY CODE</u>	<u>REPLY (AA78)</u>
CZ	AIRCRAFT
DA	ANTENNA
DB	BEZEL
CL	BRACKET
TJ	EASEL
DC	FIXED
DD	HAND HELD
DE	HINGED MOUNTED ADAPTER
DF	HOOD
TK	HOOD-ADAPTER, CATHODE RAY TUBE (CRT)
DG	METAL BASE
AFJ	OSCILLOGRAPH
DH	PERISCOPE
DJ	PLATFORM STAND
FY	POD
DL	RADAR SCOPE
DM	RATCHET MOUNTING CLAMP
DN	SCREW
DP	SHOULDER
DQ	SPECIAL
HT	STAND
BY	TABLE
BQ	TRIPOD
DR	VERTICAL COLUMN

Table 5 - VIEWFINDER TYPES
VIEWFINDER TYPES

<u>REPLY CODE</u>	<u>REPLY (AM04)</u>
EG	BORESIGHT
BM	COLLAPSIBLE SPORT
BN	COUPLED SUPERIMPOSED
BP	DIRECT
BQ	EYE LEVEL
BR	EYE PIECE
BS	FOLDING OPTICAL EYE LEVEL
BT	GROUND GLASS BACK
BW	INTERNAL NEWTON
BY	OBLIQUE
BX	OBLIQUE FOLDING
BZ	OPEN FRAME
CB	OPTICAL
CA	OPTICAL TUBULAR
CC	PARALLAX CORRECTING
CD	PEEP-SIGHT
CE	PENTA PRISM
AY	PERISCOPE
CF	PROJECTION
CG	RANGE COUPLED
CH	REFLEX
CJ	SPLIT FIELD
CK	TUBULAR
CL	VERTICAL
CM	WAIST LEVEL
CN	WIRE FRAME

Table 6 - TYPE LENS MOUNTING
TYPE LENS MOUNTING

<u>REPLY CODE</u>	<u>REPLY (AB89)</u>
LF	ADAPTER
CK	BARREL
CM	BAYONET
TL	BOARD
TG	C TYPE ADJUSTABLE FOCUS
TF	CLAMP RING VARIABLE
TH	EYEMO STUD
AF	FLANGE
TJ	FOCUSING C
TK	FOCUSING S
AED	FRONT CONE ASSEMBLY
TM	PLATE FIXED FOCUS
TN	REVOLVING TURRET FOUR LENS
TP	REVOLVING TURRET THREE LENS
TQ	REVOLVING TURRET TWO LENS
AN	SCREW

<u>REPLY CODE</u>	<u>REPLY (AB89)</u>
DF	STUD

Table 7 - FILM ACCOMMODATION TYPES
FILM ACCOMMODATION TYPES

<u>REPLY CODE</u>	<u>REPLY (AG37)</u>
AJ	CARTRIDGE LOAD
AX	CASSETTE
AK	CUT FILM
AL	FILM PACK
AM	GLASS PLATE
AN	MAGAZINE
AQ	MAGAZINE DOUBLE COMPARTMENT
AP	MAGAZINE LOAD
AR	MAGAZINE SINGLE COMPARTMENT
AS	ROLL FILM
AT	SINGLE COMPARTMENT FILM LOAD
AW	SPOOL FILM LOAD

Table 8 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 9 - FURNISHED ITEMS
FURNISHED ITEMS

<u>REPLY CODE</u>	<u>REPLY (AB28)</u>
LX	AC TO DC ADAPTER
VH	ADJUSTABLE EXPOSURE CALULATOR
MC	APERTURE BORE SIGHT ASSEMBLY
XD	ARGON TIMING LIGHT
VK	BASE W/EASEL
MF	BATTERY CHARGER
VL	BATTERY HOLDER
VM	BATTERY PACK
VE	BEZEL ADAPTER RING
NP	CABLE RELEASE
VJ	CAMERA BACK
NF	CAMERA DRIVE MOTOR
NT	CAMERA/EVENT TIMING UNIT SYNCHRONIZER
WJ	CAMERA FRAME
VP	CAMERA MOUNT
NM	CAMERA RANGEFINDER
XR	CAMERA SUPPORT
NX	CAMERA VIEWFINDER
VQ	CAPTION SLATE
HG	CARRYING CASE
NR	CARRYING STRAP
WP	CATHODE RAY TUBE (CRT) HOOD-ADAPTER
BGL	COLLIMATOR LENS
WK	CUT FILM HOLDER
VX	DATA RECORDING CHAMBER
BGM	DIODE

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AB28)</u>
BGN	EFFECTS BOX
VY	ELECTRICAL BRUSHES
NE	EXPOSURE METER
MM	EYE CUP
VZ	FILM CASSETTE
WL	FILM HOLDER
ND	FILM MAGAZINE
WA	FILM MAGAZINE CONTROL BOX
VF	FILM PACK ADAPTER
WM	FILM PACK HOLDER
XP	FILM REEL
XQ	FILM REEL CAN
WB	FILM WIND BACK DEVICE
MW	FILTER HOLDER
MY	FILTER KIT
WF	FIXATION LAMP
MR	FLASH GUN
MD	FLASH MOUNT BRACKET
XS	FLASH SYNCHRONIZER
MG	FLASH SYNCHRONIZER CORD
VS	FOCUSING CLOTH
WG	FOCUSING DEVICE
NJ	FOCUSING PANEL
WH	FOOTAGE COUNTER
VW	FRAME COUNTER
ML	HAND CRANK
HE	HANDLE
WZ	ILLUMINATION LAMP
BGP	IMAGE INTENSIFIER
WQ	INCANDESCENT LAMP
WR	INSTRUCTION MANUAL
MS	INTERNAL HEATER
WS	INTERVALOMETER
XA	LAMPHOLDER ADAPTER
XB	LENS AND SHUTTER ASSEMBLY
MB	LENS BELLOWS ATTACHMENT
VN	LENS BRUSH
ME	LENS CAP
XC	LENS CONE ASSEMBLY
MJ	LENS COVER
WX	LENS COVER KIT
MN	LENS FILTER
MX	LENS HOOD
WW	LENS HOOD KIT
MZ	LENS KIT
LY	LENS MOUNT ADAPTER
NQ	LENS SHADE
NS	LENS SUPPORT

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<u>REPLY CODE</u>	<u>REPLY (AB28)</u>
NW	LENS TISSUE
NA	LENSES
NH	LUBRICATING OIL
VR	MAGAZINE CARRYING CASE
NL	MAGAZINE POWER SUPPLY/SPEED CONTROL UNIT
VG	MOTOR ADAPTER
LZ	MOUNTING ADAPTER
XE	PISTOL GRIP
NK	POWER PACK
MH	POWER PACK CORD
NN	POWER SUPPLY RECTIFIER
XY	PRESSLOCK TRIPOD MOUNT
MK	PROTECTIVE COVER
NB	QUICK FOCUSING LEVER
WC	RED LENS FILTER
XF	REFLECTOR
XH	REMOTE CONTROL UNIT
WE	RFI FILTER
MA	RING FILTER ADAPTER
WN	ROLL FILM HOLDER
XJ	SHOULDER CARRYING STRAP SCREW
WY	SHUTTER KIT
VT	SHUTTER TRIP CONTROL
XN	SLIT MASKS
MQ	SPEED CONTROL GEARBOX
MP	SPOOL GAGE
BGQ	SWITCHING ELEMENT
XT	TIME RECORDING UNIT
XW	TIMING LIGHT
BGR	TRANSISTOR
XX	TRANSPARENCY SLIDE
BGS	TURRET HEAD LENS
BGT	VIEWFINDER ELBOW
WT	WINDING KEY
WD	YELLOW LENS FILTER
NC	ZOOM CONTROL LEVER
XG	8 IN. FLASH REFLECTOR
XK	15 DEG SHUTTER
XL	45 DEG SHUTTER
XM	72 DEG SHUTTER

Reference Drawing Groups

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REFERENCE DRAWING GROUP A Tables
CAMERA STYLES

INDEX OF MASTER REQUIREMENT CODES

NOTE: IF THE CAMERA IS A BELLOWS TYPE, USE STYLE 2 TO DESCRIBE THE APPLICABLE DIMENSIONS. IF THE SOURCE DOCUMENT INDICATES THE VALUES FOR EXTENDED AND CONTRACTED POSITIONS, ANSWER BOTH APPLICABLE MRCS (e.g., ATEMJAA6.750*; ATENJAA4.525*) Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA8.750*; HGTHJLA222.3*; HGTHJAB2.495\$\$JAC2.503*)

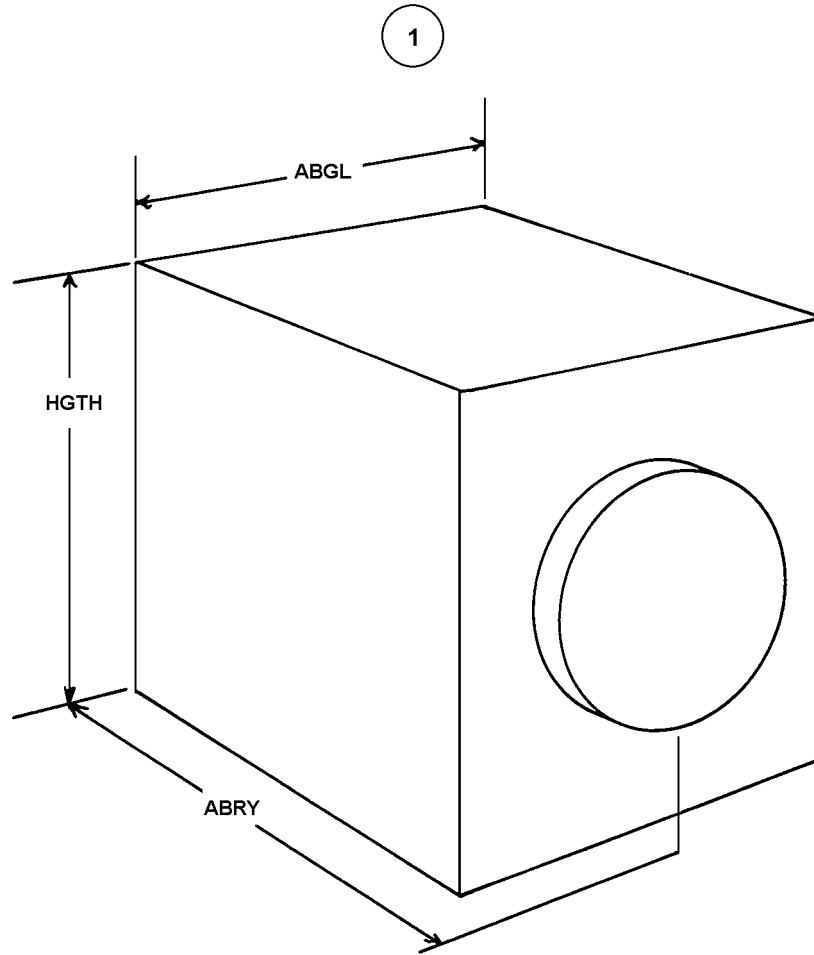
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

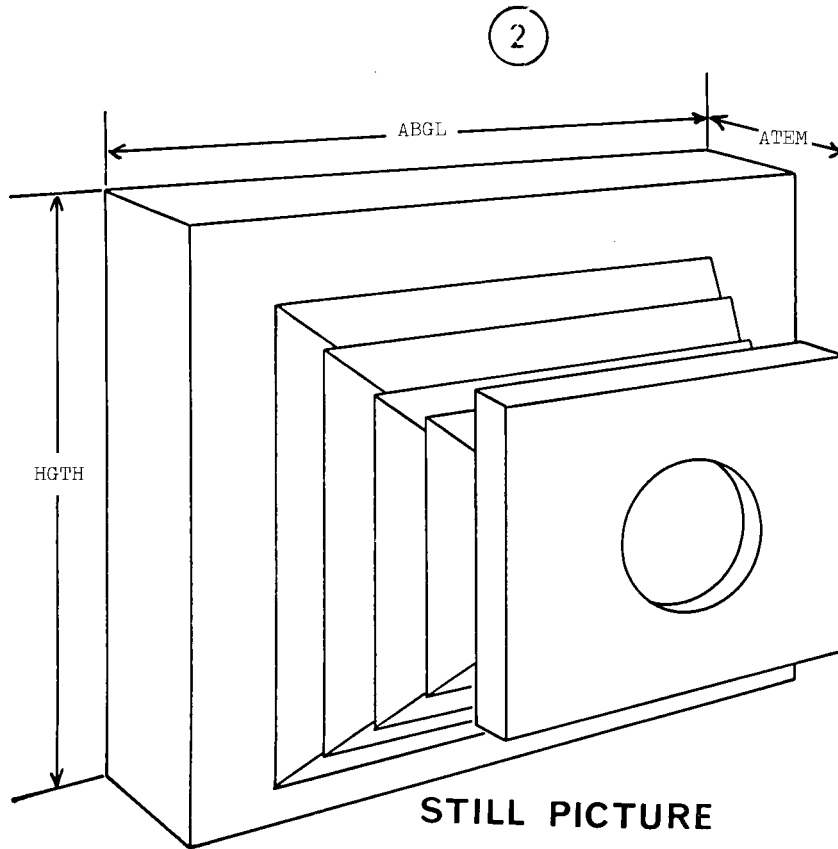
<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ABGL	J	WIDTH
ABRY	J	LENGTH
ADAQ	J	BODY LENGTH
AEJZ	J	DEPTH
ATEM	J	EXTENDED LENGTH
ATEN	J	CONTRACTED LENGTH
ATEP	J	MAGAZINE THICKNESS
HGTH	J	HEIGHT

REFERENCE DRAWING GROUP A

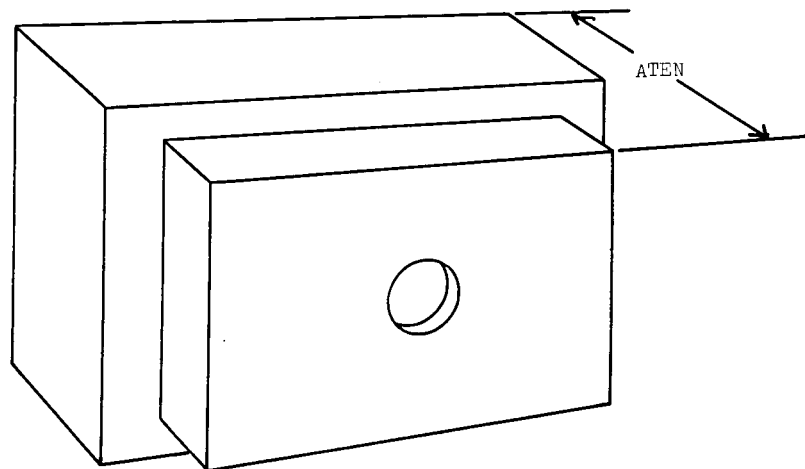
CAMERA STYLES



MOTION PICTURE OR STILL PICTURE
(TYPICAL)

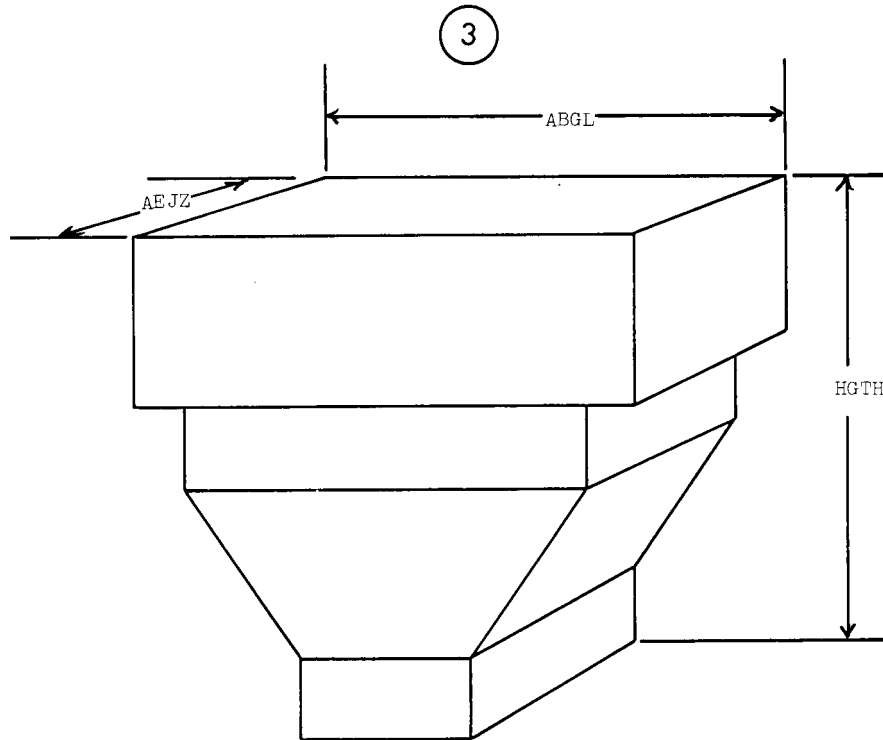


STILL PICTURE
BELLOWS TYPE EXTENDED

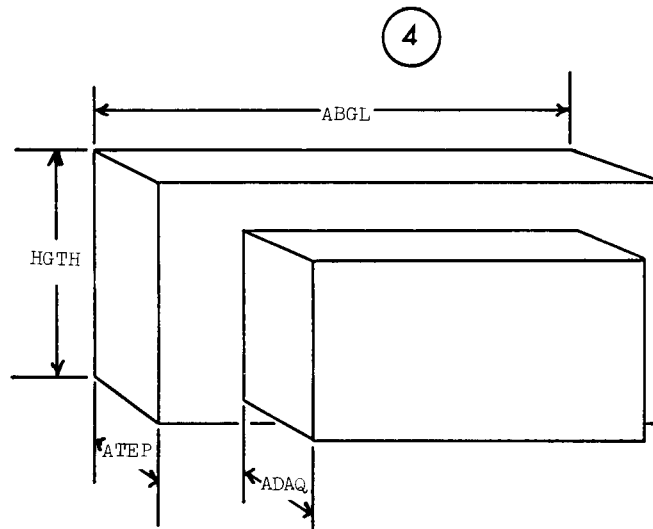


BELLOWS TYPE CONTRACTED

FIG A314
APPENDIX B

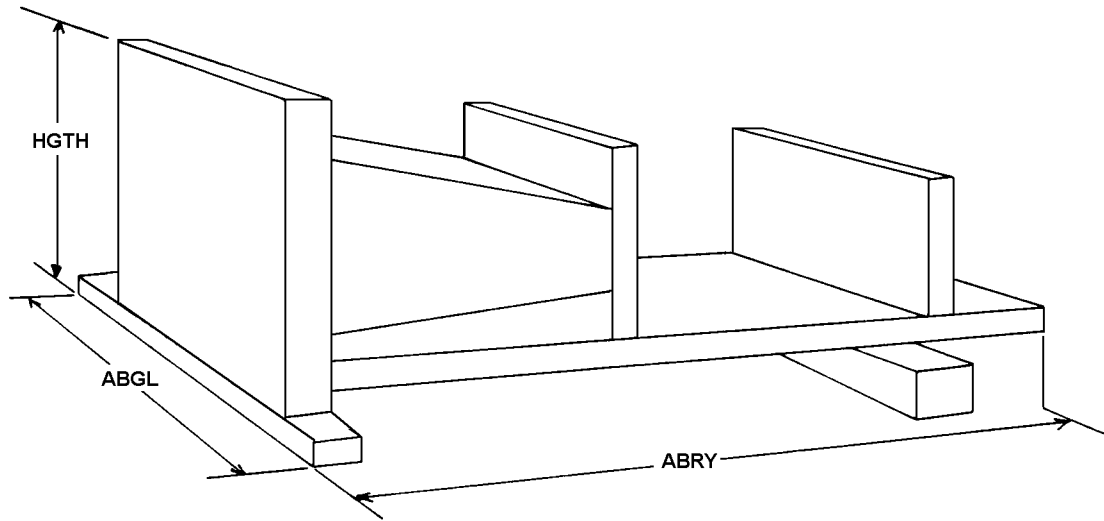


STILL PICTURE AERIAL

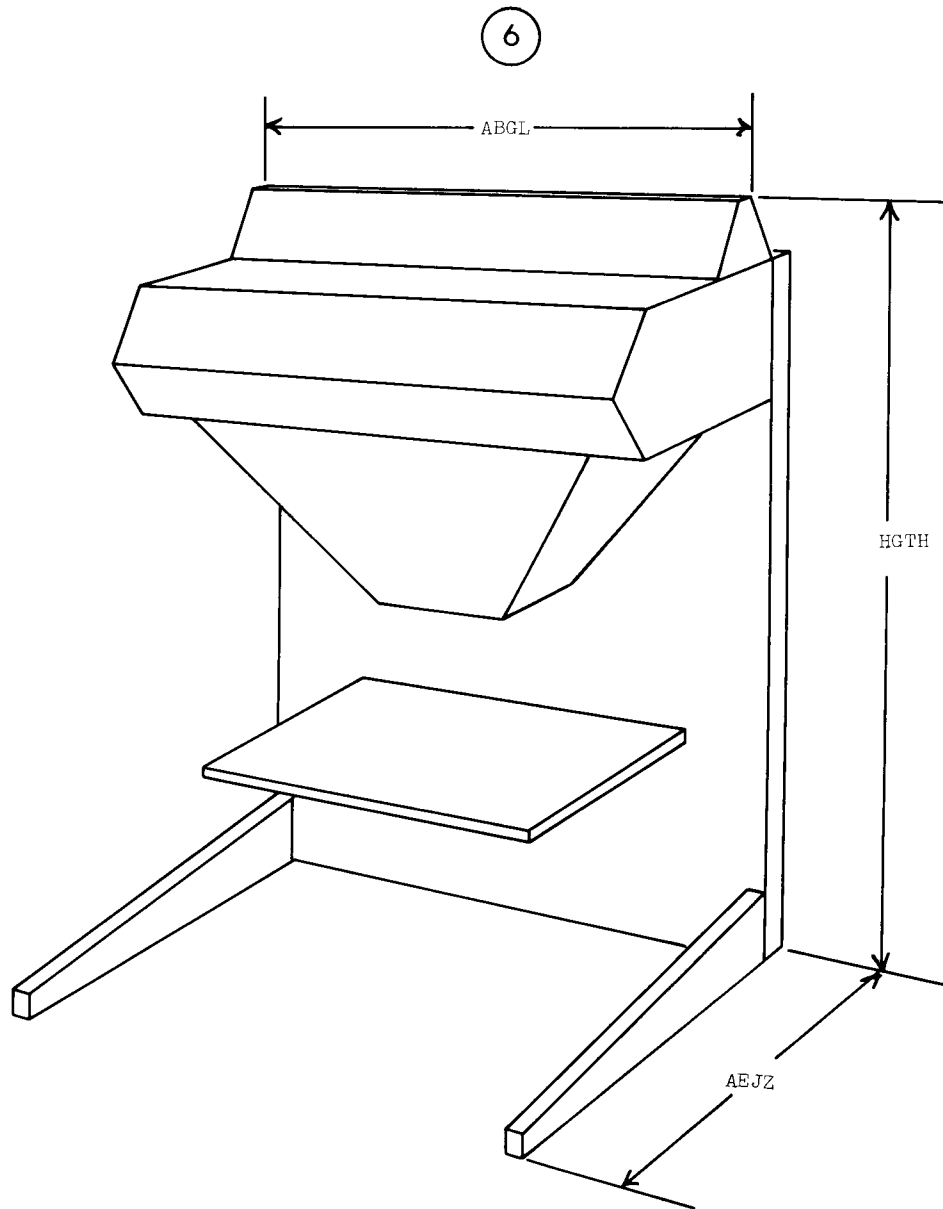


CAMERA BODY, STILL PICTURE

5

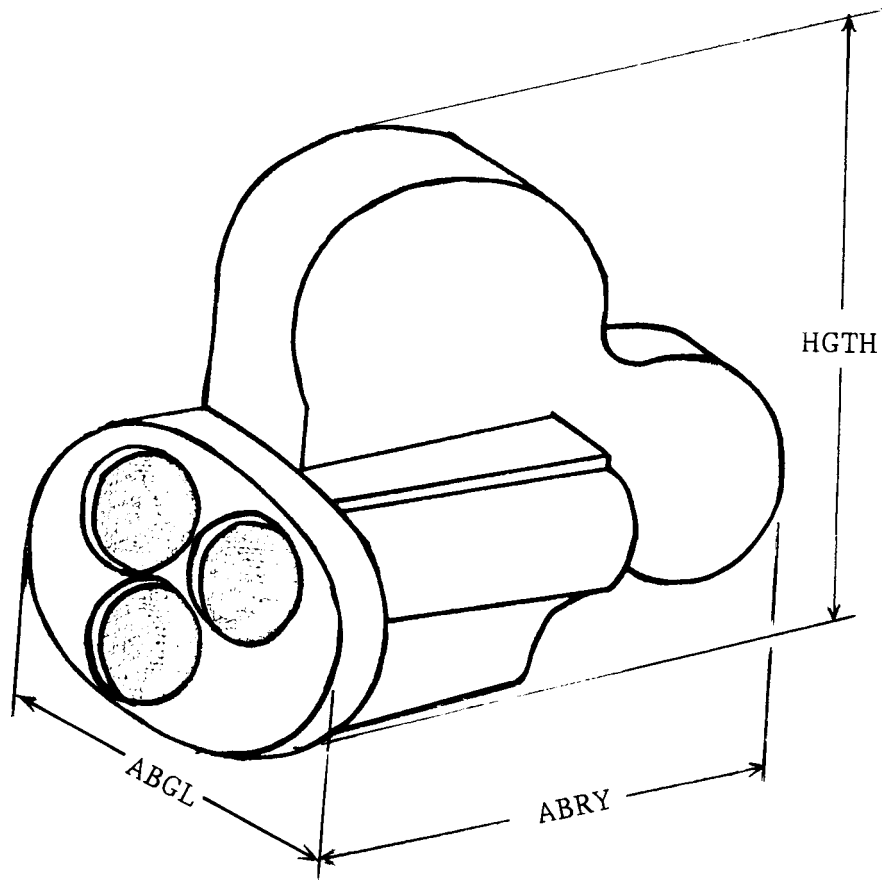


HORIZONTAL LITHOGRAPHIC



VERTICAL LITHOGRAPHIC

7



CAMERA BODY, MOTION PICTURE

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART	60
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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

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APPENDIX C

INCH TO DECIMAL OF A FOOT CONVERSION CHART

NOTE: For inches, select inches 0 through 11 from left to right top of chart, read decimal equivalent in column directly below.

<u>Fraction of inch</u>	<u>INCHES</u>											
	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938
5/16	.026	.109	.193	.276	.359	.443	.526	.609	.693	.776	.859	.943
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995

SHUTTER SPEED CONVERSION CHART

<u>FRACTION</u>	<u>DECIMAL EQUIVALENT</u>	<u>FRACTION</u>	<u>DECIMAL EQUIVALENT</u>
1/3000	0.0003	1/75	0.0133
1/2000	0.0005	1/60	0.0167
1/1500	0.0007	1/50	0.0200
1/1200	0.0008	1/40	0.0250
1/1000	0.0010	1/35	0.0286
1/900	0.0011	1/32	0.0312
1/800	0.0012	1/30	0.0333
1/750	0.0013	1/25	0.0400
1/600	0.0017	1/16	0.0625
1/500	0.0020	1/15	0.0667
1/480	0.0021	1/12	0.0833
1/450	0.0022	1/10	0.1000

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APPENDIX C

<u>FRACTION</u>	<u>DECIMAL EQUIVALENT</u>	<u>FRACTION</u>	<u>DECIMAL EQUIVALENT</u>
1/400	0.0025	1/9	0.1111
1/300	0.0033	1/8	0.1250
1/250	0.0040	1/6	0.1667
1/225	0.0044	1/5	0.2000
1/200	0.0050	1/4	0.2500
1/150	0.0067	2/5	0.4000
1/100	0.0100	9/20	0.4500
1/80	0.0125	1/2	0.5000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective July 2, 2010

This change replaced with ISAC or and/or coding.